

Wind Turbine Facilities

Section 2310. Wind Turbine Facilities, WTF, [amended 10/09]

Wind Turbine Facilities shall be allowed as a special land use in Industrial and Business zones under the purview of Section 2332, after review and approval of the special land use permit and site plan by the Planning Commission, after Public Hearing, subject to applicable conditions and any other reasonable conditions imposed by the Planning Commission, including the following:

1. Minimum parcel size for wind turbine facilities shall be ten (10) acres.
2. All wind turbines shall meet the requirements of Section 2311, Accessory Structures & buildings, #10, except for items a, d, and g.
3. The height limit of any wind turbine in the WTF may be 200 feet. Such total height shall be measured from the ground to the highest elevation of the wind turbine rotor.
4. The developer shall maintain a current insurance policy which will cover installation and operation of the WTF, and the wind turbines shall be warranted against any system failures reasonably expected in climate conditions found in the City of Muskegon.
5. A qualified avian study shall be conducted by the developer to ensure that wildlife is not endangered, or the developer may submit copies of any required State or Federal permits that have been obtained. This information shall be submitted to the Planning Department before any permits are issued for construction.
6. A wind resource study describing the long term economic viability shall be submitted to the Planning Commission upon submission of the special land use permit application.
7. If the WTF will provide electricity off-site to the grid, evidence that the utility company has been informed of the developer's intent to install an interconnected, customer-owned generator, and that such connection has been approved, shall be submitted to the Planning Commission upon submission of the special land use permit application.
8. Separation between wind turbines shall be based on industry standards and manufacturer recommendations.